S.N. 10/830,051 Docket No.: 500.36317CV2
Page 2 of 16

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. – 19. (Cancelled)

20. (Currently Amended) A wiring tape for a semiconductor device, which comprises a wiring layer comprising an insulating layer and a wiring on the insulating layer, one end of the wiring being connected to terminals on a semiconductor chip and the other end of the wiring being connected to external terminals for connecting to a package substrate; and a three-layered buffer elastomer layer bonded to a wiring-formed side of the wiring layer, the buffer elastomer layer comprising a structure having interconnected foams or a three-dimensional reticular structure, an adhesive layer provided on the semiconductor chip-facing side of the structure having interconnected foams or the three-dimensional reticular structure, directed to bending—bond to the semiconductor chip and another adhesive layer provided on the other side of the structure, directed—to bending—bond to the wiring-formed side of the wiring layer to relax thermal stress generated between the semiconductor chip and the package substrate during heating.

21. (Previously Presented) A wiring tape according to Claim 20, wherein a thickness ratio of the structure having interconnected foams or the three-dimensional reticular structure to total buffer layer thickness is at least 0.2 to reduce the likelihood

S.N. 10/830,051 Docket No.: 500.36317CV2

Page 3 of 16

of failure of the semiconductor device during heating performed in a reflow operation

used in manufacturing the semiconductor device.

22. (Previously Presented) A wiring tape according to Claim 20, wherein the

buffer layer is comprised of a laminate prepared by pasting both sides of the

structure having interconnected foams or the three-dimensional reticular structure

with the adhesive layers, respectively.

23. (Original) A wiring tape according to Claim 20, wherein the buffer layer

is composed of a laminate prepared by pasting both sides of the structure having

interconnected foams with adhesive layers each comprising a structure having

interconnected foams whose pores are filled with an adhesive, respectively.

24. (Currently Amended) A wiring tape for a semiconductor device, which

comprises a wiring layer comprising an insulating layer and a wiring on the insulating

layer, one end of the wiring being connected to terminals on a semiconductor chip

and the other end of the wiring being connected to external terminals for connecting

to a package substrate; and means for relaxing thermal stress generated between

the semiconductor chip and the package substrate and for releasing steam pressure

generated during heating in a reflow operation used in forming a package, including

the wiring tape and the semiconductor device, to outside of the package, said means

comprising:

a three-layered buffer elastomer layer bonded to a wiring-formed side of the

wiring layer, the buffer <u>elastomer</u> layer comprising a structure having interconnected

3

S.N. 10/830,051 Docket No.: 500.36317CV2

Page 4 of 16

foams or a three-dimensional reticular structure, an adhesive layer provided on the semiconductor chip-facing side of the structure having interconnected foams or the three-dimensional reticular structure, <u>directed to bonding to bond</u> to the semiconductor chip and another adhesive layer provided on the other side of the structure, <u>directed to bonding</u> bond to the wiring-formed side of the wiring layer.

25. (Currently Amended) A wiring tape according to Claim 24, wherein a thickness ratio of the structure having interconnected foams of or the three-dimensional reticular structure to total buffer layer thickness is at least 0.2 to reduce the likelihood of failure of the semiconductor device during heating performed in a reflow operation used in manufacturing the semiconductor device.

26. (Previously Presented) A wiring tape according to Claim 24, wherein the buffer layer is comprised of a laminate prepared by pasting both sides of the structure having interconnected foams or the three-dimensional reticular structure with the adhesive layers, respectively.

- 27. (New) A wiring tape according to Claim 20, wherein the adhesive layer on the semiconductor chip-facing side is directly bonded to the semiconductor chip and the other adhesive layer is directly bonded to the wiring-formed side of the wiring layer.
- 28. (New) A wiring tape according to Claim 24, wherein the adhesive layer on the semiconductor chip-facing side is directly bonded to the semiconductor chip

Docket No.: 500.36317CV2 Page 5 of 16 S.N. 10/830,051

and the other adhesive layer is directly bonded to the wiring-formed side of the wiring layer.